

BEAM POWER TUBE
For high-fidelity audio-amplifier applications

GENERAL DATA	
Electrical:	
Plate to cathode & grid No.3,	πp
Characteristics, Class A, Amplifler:	
Plate Voltage	ts ts
	ma
Mechanical: Operating Position	2" 6" 12 in 1) HY
PUSH-PULL AF POWER AMPLIFIER - Class AB	
Maximum Ratings, Design-Center Values:	
440	ts ma ma ts
O: See next page.	



PEAK HEATER-CATHODE VOLTAGE:				
Heater negative with respect to Heater positive with respect to	cathode.		200 max. 200≜ max.	volts volts
Typical Operation with Fixed Bias	3 :			
Values are fo	r 2 tube	s		•
Plate Voltage	330 330	400 300	4 50 3 50	volts volts
Voltage Peak AF Grid-No.1-to-Grid-No.1	-24	– 25	-3 0	volts
Voltage	48 122 184 5.6 18.5	50 102 152 6 17		volts ma ma ma ma
Effective Load Resistance (Plate to plate) Total Harmonic Distortion Max.—Signal Power Output	4500 1 31.5	6600 2 34	6000 1.5 50	ohms % watts
Typical Operation with Cathode Bi	as:			
Values are fo	r 2 tube	s		
Plate-Supply Voltage	400 300 200	Ö	380 380 180	volts volts ohms
Voltage	5 112 128 16	2 3 7	68.5 138 170 5.6 20	volts ma ma ma ma
(Plate to plate) Total Harmonic Distortion Max.—Signal Power Output	6600 32	2	4500 3.5 36	ohms % watts
Maximum Circuit Values:				
Grid-No.1-Circuit Resistance: For fixed-bias operation For cathode-bias operation			0.1 max. 0.5 max.	megohm megohm
PUSH-PULL AF POWER AMPI	LIFIER -	- Cla	ss ABı	
Grid No.2 of each tube plate winding of our	connecte	d to	tap on	
Maximum Ratings, Design-Center Vo	-			
PLATE AND GRID-No.2 (SCREEN-GRID)			450	
SUPPLY VOLTAGE			450 max.	Voits